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What is Claimed is:

1. An isolated human protein C polypeptide comprising:  
5 a light chain and a truncated heavy chain.

2. The polypeptide of claim 1 wherein said polypeptide  
is SEQ ID NO: 1.

10 3. A recombinant DNA molecule encoding the human  
protein C polypeptide of Claim 1.

4. The recombinant DNA molecule of Claim 3, wherein  
said DNA molecule is SEQ ID NO: 2.

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5. The isolated human protein C polypeptide of Claim  
1, wherein said human protein C polypeptide is activated.

6. A method of treating thrombotic disorders, vascular  
20 occlusive disorders and hypercoagulable states in a patient  
in need thereof, which comprises: administering to said  
patient a pharmaceutically effective amount of an isolated  
activated protein C polypeptide with a truncated heavy chain  
of Claim 1.

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7. A vector, comprising a nucleic acid according to  
Claim 2.

8. A host cell comprising an isolated nucleic acid  
30 according to Claim 2.